

**Name**

mysql\_autocommit - Toggles autocommit mode

**Synopsis**

```
#include <mysql.h>
```

```
my_bool mysql_autocommit(MYSQL * mysql, my_bool auto_mode);
```

**Description**

Toggles autocommit mode on or off for the current database connection. Autocommit mode will be set if mode=1 or unset if mode=0.

**Parameters:**

- ⊕ mysql is a connection identifier, which was previously allocated by **mysql\_init(3)** and connected by **mysql\_real\_connect(3)**.
- ⊕ auto\_mode - whether to turn autocommit on or not.

**Notes**

- ⊕ Autocommit mode only affects operations on transactional table types. To determine the current state of autocommit mode use the SQL command SELECT @@autocommit or check the server status (see example below).
- ⊕ Be aware: the [mysql\_rollback()](mysql\_rollback()) function will not work if autocommit mode is switched on.

**Examples****SQL**

```
# Turn of autocmmit
SET AUTOCOMMIT=0;

# Retrieve autocommit
SELECT @@autocommit;
+-----+
| @@autocommit |
+-----+
|          0 |
```

+-----+

## MariaDB Connector/C

```
static int test_autocommit(MYSQL *mysql)
{
    int rc;
    unsigned int server_status;

    /* Turn autocommit off */
    rc= mysql_autocommit(mysql, 0);
    if (rc)
        return rc; /* Error */

    /* If autocommit = 0 succeeded, the last OK packet updated the server status */
    rc= mariadb_get_infov(mysql, MARIADB_CONNECTION_SERVER_STATUS, &server_status);
    if (rc)
        return rc; /* Error */

    if (server_status & SERVER_STATUS_AUTOCOMMIT)
    {
        printf("Error: autocommit is on\n");
        return 1;
    }
    printf("OK: autocommit is off\n");
    return 0;
}
```